

ALASKA

Science and Engineering Profile

	Alaska	U.S.	Rank		Alaska	U.S.	Rank
Doctoral scientists, 1993	1,086	430,332	49	Total R&D performance, 1993 (millions)	\$130	\$161,427	46
Doctoral engineers, 1993	97	81,293	50	Industry R&D, 1993 (millions)	\$14	\$117,622	49
S&E doctorates awarded, 1993	10	25,409	51	Academic R&D, 1993 (millions)	\$67	\$19,489	42
of which, in life sciences	50%	24%		of which, in environmental sciences	49%	7%	
in environmental sciences	30%	3%		in life sciences	22%	55%	
in math & computer sciences	10%	8%		in physical sciences	21%	11%	
S&E postdoctorates, 1993				Higher education current-fund			
in doctorate-granting institutions	0	34,394	na	expenditures, 1993 (millions)	\$345	\$163,994	49
S&E graduate students, 1993				Number of SBIR awards, 1990-93	3	13,995	48
in doctorate-granting institutions	603	438,128	51	Patents issued to state residents, 1994	48	56,039	48
Population, 1994 (000s)	606	260,341	48	Gross state product, 1992 (billions)	\$26.0	\$5,994.1	41
Civilian labor force, 1994 (000s)	305	131,013	50	of which, agriculture	2%	2%	
Personal income per capita, 1994	\$23,788	\$21,809	9	manufacturing, mining, construction	38%	23%	
Federal spending				transportation, communication, utilities	13%	9%	
Total expenditures 1994 (millions)	\$4,640	\$1,284,896	44	wholesale and retail trade	8%	16%	
R&D obligations 1993 (millions)	\$93	\$65,394	40	finance, insurance, real estate	13%	18%	
				services	10%	20%	
				government	17%	12%	

Rankings and totals are based on data for the 50 States and D.C.

Federal Obligations for Research and Development in Alaska by Agency and Performer: Fiscal Year 1993

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	92,692	47,833	0	509	41,143	582	2,625	40
Department of Agriculture	6,778	5,209	0	0	1,569	0	0	41
Department of Commerce	12,325	9,321	0	1	1,673	0	1,330	13
Department of Defense	12,412	10,292	0	253	1,867	0	0	44
Department of Energy	552	0	0	0	552	0	0	48
Dept. of Health & Human Services	3,076	621	0	0	1,599	582	274	47
Department of the Interior	23,734	22,350	0	147	1,170	0	67	5
Department of Transportation	954	0	0	0	0	0	954	43
Environmental Protection Agency	642	0	0	0	642	0	0	35
Nat'l Aeronautics & Space Admin.	12,942	40	0	0	12,902	0	0	25
National Science Foundation	19,277	0	0	108	19,169	0	0	24
State rank	40	32	na	51	39	50	26	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.